MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

FEBRUARY, 1933

J. A. BROWN, DIRECTOR

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FEBRUARY 1933
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm+...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	65.4	62.6	59.6	62.5	18.3	12.6	16.6	17.2	17.2	17.0
2	0.0	59.1	8.8	59.1	18.0	12.8	12.8	11.8	11.4	12.0
3	1.3	61.4	63.0	61.9	14.2	9.7	12.7	13.9	10.8	12.5
4	2.6	0.8	1.0	1.4	15.6	9.8	12.8	15.4	14.1	14.1
5	58.8	58.6	59.2	58.8	14.2	11.3	12.7	13.1	10.9	12.2
6	59.5	59.1	60.1	59.6	13.9	10.4	12.0	13.1	10.6	11.9
7	60.0	9.0	59.7	9.5	15.6	8.4	12.9	15.0	11.6	13.1
8	1.1	61.5	64.8	62.4	16.1	10.2	13.2	15.3	11.6	13.3
9	7.7	6.9	7.3	7.3	16.3	10.6	14.3	15.9	12.7	14.3
10	5.5	4.5	3.8	4.9	16.7	10.0	13.8	15.3	12.7	13.9
11	60.5	57.9	59.0	59.1	18.9	12.4	17.7	17.8	14.3	16.6
12	59.1	9.5	61.9	60.2	18.1	13.2	16.7	15.3	13.2	15.0
13	64.2	62.5	60.8	2.5	17.9	11.1	15.5	17.2	14.3	15.6
14	59.9	59.4	0.0	59.8	15.6	11.2	13.8	14.9	11.5	13.4
15	61.0	60.6	1.0	0.9	17.2	10.7	14.7	15.3	14.6	14.8
16	61.6	61.1	62.3	61.7	18.1	11.7	15.6	17.8	13.8	15.7
17	1.4	59.9	59.4	60.2	18.5	12.6	15.8	17.6	15.6	16.3
18	56.0	2.5	2.6	53.7	24.9	14.4	21.9	20.3	20.4	20.8
19	2.2	3.7	6.3	4.1	19.7	16.5	18.7	18.8	14.7	17.4
20	9.1	8.7	9.1	8.9	18.3	13.4	16.1	18.2	14.7	16.3
21	59.6	58.7	59.5	59.3	18.4	13.0	15.8	18.0	15.6	16.4
22	9.3	61.4	9.6	60.1	20.1	12.2	16.2	19.6	16.6	17.4
23	63.7	2.9	2.1	2.9	19.6	14.1	16.9	18.4	15.7	16.9
24	3.0	2.0	3.3	2.8	18.3	15.3	16.6	17.5	14.9	16.3
25	3.5	2.6	2.7	2.9	18.3	12.3	14.5	17.7	13.6	15.2
26	62.2	57.7	61.1	60.3	18.9	11.9	17.1	18.1	14.9	16.7
27	2.1	61.6	2.2	1.9	18.6	12.7	15.5	17.2	15.5	16.1
28	3.6	2.9	2.9	3.1	18.6	13.1	17.1	17.5	16.6	17.1
	761.24	760.23	760.82	760.76	17.74	12.05	15.35	16.54	14.07	15.32

Barometer, Range for month 752.2—767.7 m.m.
,, 50-yr. average for month 762.300 m.m.
Thermometer, Range for month 8.°4—24.°9 C.
,, 50-yr. average for month 14.32 C.
Rain, Total for month 76.20 m.m.
,, , 50-yr average for month 150.88 m.m.
,, , total Sept. 1st to end of month 277.38 m.m.
,, , 50-yr. average, Sept. 1st to end of month 727.72 m.m

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	14.9	15.6	11.6	11.6	12.0	7.4	10.3	82	83	51	72	3.6	33.53
2	12.3	11.5	11.0	10.4	9.9	9.5	9.9	93	96	95	95	0.0	1.78
3	9.4	9.7	8.8	7.1	6.9	7.4	7.1	65	59	77	67	10.1	
4	10.0	11.8	11.5	7.6	8.3	8.6	8.1	69	64	72	68	0.0	
5	11.1	9.3	8.6	8.9	6.9	7.1	7.6	81	62	73	72	3.9	32.26
6	7.3	8.9	6.7	5.6	6.5	5.5	5.9	54	58	58	56	6.7	0.25
7	9.8	11.0	9.9	7.5	7.7	8.2	7.8	67	60	80	69	4.9	
8	10.1	11.9	9.8	7.6	8.5	8.1	8.0	67	66	79	70	8.5	
9	11.0	12.0	10.5	8.0	8.6	8.3	8.3	66	64	76	68	9.0	
0	10.1	11.7	9.1	7.3	8.3	6.8	7.4	63	64	62	63	10.4	
1	13.5	13.3	10.2	9.1	8.9	7.2	8.4	60	59	60	60	10.0	
2	13.8	13.5	13.2	10.0	10.4	8.9	9.8	70	81	78	76	5.8	2.16
3	12.1	13.9	13.8	8.6	9.8	11.4	9.9	66	67	94	75	7.5	3.30
4	11.0	11.5	9.7	8.2	8.3	7.9	8.1	70	66	78	71	10.7	2.29
5	11.5	12.1	12.1	8.4	8.7	9.1	8.7	68	68	74	70	7.6	
6	13.1	14.9	12.6	9.7	10.8	10.2	10.2	74	71	86	77	9.0	
7	13.9	14.3	12.3	10.6	10.1	8.9	9.9	80	68	67	71	10.0	
8	14.7	16.3	14.7	8.8	9.2	9.3	9.1	45	66	53	54	0.0	
9	14.1	16.1	13.4	9.3	11.8	10.6	10.5	58	75	86	72	0.0	0.63
0	12.5	14.7	13.3	8.8	10.3	10.5	9.8	65	66	85	72	0.0	
1	13.2	15.4	13.6	9.7	11.4	10.3	10.4	73	74	78	75	5.9	
2	9.9	15.9	13.3	6.5	11.2	9.4	8.9	48	66	67	60	9.2	
3	15.0	15.8	13.8	11.4	11.7	10.5	11.2	79	75	80	78	6.7	
4	14.8	14.3	13.1	11.4	10.2	10.0	10.5	81	69	79	76	6.0	
5	11.1	12.2	10.8	8.0	8.4	8.2	8.2	66	56	71	64	9.5	
6	12.4	13.9	12.7	8.3	9.4	9.6	9.1	58	61	76	65	9.9	
7	13.7	14.4	13.6	9.3	10.4	10.4	10.0	71	72	79	74	9.7	
8	12.3	13.6	14.6	8.0	9.3	11.1	9.4	56	63	79	66	8.0	
	12.57	13.19	11.74	8.76	9.42	8.94	9.04	67.6	67.7	74.7	70.0	6.51	2.72

eight of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
y and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m
im of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
ime of readings minus 2 hours equals G. C. T.
year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	6ci	10cu	10cu	8.7	1w	3w	1w	567.1	mod.	
2	10ni	10ni	10ni	10.0	0	0	3w	553.1	stormy	
3	1cu	1cu	1cu	1.0	1w	3sw	0	273.6	„	
4	10ci	10ci	10ni	10.0	1w	1w	3sw	267.2	light	
5	10ni	2cu	10ni	7.3	3sw	2w	1sw	765.0	mod.	
6	5cu	7cu	3ci	5.0	3sw	2w	1w	371.1	„	
7	9ci	8cu	2cu	6.1	1w	1w	0	270.9	slight	
8	7cicu	1cu	1stcu	3.0	0	1w	0	364.4	mod.	thin mist a.m.
9	5ci	5ci	3cu	4.3	0	0	0	86.9	light	
10	8cicu	1st	0	3.0	1se	1se	0	264.7	„	
11	7stcu	2cu	1cu	3.3	0	1s	0	393.4	mod.	
12	2stcu	3cu	0	1.8	2w	1w	1w	165.4	„	th. st. at noon
13	7cu	5cu	10ni	7.3	1w	2w	4sw	366.3	slight	
14	2stcu	0	0	0.7	2w	1w	0	460.5	rough	
15	1st	3stcu	1cu	1.7	1nw	2nw	0	271.4	mod.	
16	2cu	0	0	0.7	1nw	1nw	0	149.0	slight	
17	1st	0	0	0.3	1w	1w	1w	189.9	„	thin mist a.m.
18	2ci	10cu	10ni	7.3	1w	1w	1w	278.1	mod.	
19	10cu	0	0	3.3	3sw	3sw	0	748.8	„	mist noon & eve.
20	0	0	0	0.0	0	1sw	1w	239.3	„	heavy mist all day
21	0	0	0	0.0	0	1w	1w	178.0	light	„ „ „ „
22	1stcu	10ci	1cu	4.0	0	1w	0	254.6	„	thin mist a.m.&noon
23	4cu	9ci	10ci	7.7	0	1sw	3sw	244.5	stormy	mist a.m. tr. of rain
24	8cu	1cu	9cu	6.0	3ne	3ne	1w	322.5	„	thin mist at noon
25	7ci	2cu	0	3.0	0	1w	2w	155.6	light	
26	1cu	4ci	0	1.7	1w	1w	2sw	197.8	mod.	
27	4ci	8ci	2ci	4.7	1w	2nw	3n	292.4	„	
28	0	9ci	8cu	5.7	1n	3ne	3ne	362.0	stormy	
					29	41	31			
				4.2	1.0	1.5	1.1	323.7		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	1	0	1	0	3	11	2	9
14:30	0	2	0	1	1	4	15	3	2
20.30	1	1	0	0	0	5	10	0	11
Totals	2	4	0	2	1	12	36	5	22

Number of days with rain 8, fog 8, thunderstorms 1, gales 0.

50-yr average number of days with rain during month 13.6